Electronic Acknowledgement Receipt					
EFS ID:	5165525				
Application Number:	10800167				
International Application Number:					
Confirmation Number:	9086				
Title of Invention:	METHOD AND APPARATUS FOR PARAMETER ESTIMATION IN A GENERALIZED RAKE RECEIVER				
First Named Inventor/Applicant Name:	Douglas A. Cairns				
Customer Number:	24112				
Filer:	Michael Murphy/Alfonso G. Sandoval				
Filer Authorized By:	Michael Murphy				
Attorney Docket Number:	4015-5161				
Receipt Date:	16-APR-2009				
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Application Type:	Utility under 35 USC 111(a)				
Payment information:					

Submitted with Payment	yes
Payment Type	Electronic Funds Transfer
Payment was successfully received in RAM	\$1810
RAM confirmation Number	216
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /₊zip	Pages (if appl.)
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1 Issue Fee Payment (PTO 955	Issue Fee Payment (PTO 95P)	1015 5161 46	155572	no	1				
1 Issue Fee Payment (PTO-85B)	4015-5161.pdf	091444faca5c58798614ef08c5f04a05dbb8 be0d	no						
Warnings:	Warnings:								
Information:									
2 Fee Worksheet (PTO-06)	fee-info.pdf	31980	no	2					
	·	53ec5a8a3bdb47547a1de6368c5b5fd0817 b51aa							
Warnings:									
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		Total Files Size (in bytes):	187552						

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.